QUALITY: AUDIOLOGY AND SPEECH ANALYSIS AND REPORTING (QUASAR)

INSTALLATION GUIDE

Version 3.0

February 2000

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Installation Guide

Overview

This package was created using Kernel V. 8.0 and VA FileMan V. 21. The QUASAR V. 3.0 package requires the following external packages and files:

Name	Minimum Version Needed
Kernel	8.0
Va FileMan	21.0
MailMan	7.1
PIMS	5.3
Automated Med Info Exchange	2.7
PCE Patient Care Encounter	1.0

QUASAR also uses the following files:
New Person file #200
ICD Diagnosis file #80
CPT Procedure file #81
CPT Modifier file #81.3
USR Class Membership file #8930.3
DSS Unit file #724

Pre-installation Instructions

1.   QUASAR was exported using the kernel Installation and Distribution System (KIDS). You will use KIDS to install the software.

2.   Follow your preferred installation backup procedure. **If this is the first installation of QUASAR, you can skip this step.**

3.   Obtain a list of the entries in the A&SP Staff file #509850.3. Add each entry to the USR Class Membership file #8930.3. Installation will abort if this step is not taken. **If this is the first installation of QUASAR, you can skip this step.**

4.   The generate A&SP Service CDR function and the new Print A&SP Service CDR function were developed to generate and print CDR information at either a **Site** level or a **Division** level. During installation you will be asked the following:

```
     Select one of the following:

         S          Site
         D          Division

     Do you wish the CDR functions to run by Site or Division ?: S//
```

Therefore, prior to installation, a decision needs to be made by the Audiology and Speech Pathology ADPAC as to how they wish these functions to operate (by Site or Division).

5.   Coordinate the installation with the Audiology and Speech pathology ADPAC.

6.   Schedule downtime with the users. This installation will put ACKQ namespaced options out-of-service for the duration of the installation. **If this is the first installation of QUASAR, you can skip this step.**

7.   Make certain that QUASAR users are off the system. **If this is the first installation of QUASAR, you can skip this step.**

8.   **Journalling**
        Virgin Installations: The installation creates the global ^ACK. If appropriate for the M
                operating system you are using, you should create and place this global and set up
                the necessary translations and protection (RWD for MSM, RWP for AXP). The
                ^ACK global should be journalled.
        Installations over V. 2: Disable journaling, if applicable (^ACK global).

9.   Delete all ACKQ namespaced routines from all your systems. Use the routine deletion method you prefer. **If this is the first installation of QUASAR, you can skip this step.**

        Example:

```
        D  ^%RDELETE
```

```
ROUTINE DELETE

routine(s) ? > ACKQ*
routine(s) ? > -ACKQZ*
routine(s) ? > <RET>

nnn routines to DELETE, OK: NO// YES
```

10.   Sign into the account where the package is to be installed. Make certain your DUZ variable is set to a valid user number and DUZ(0) equals @. Invoke the KIDS *Installation* menu (XPD INSTALLATION MENU option) to load the HFS file that contains the distribution global and run the *Install Package(s)* option.

Post-init (ACKQIPST)

The post-installation routine (ACKQIPST) does the following:

1.   Menu Structure: Adds the PIMS Clinic Workload option to the QUASAR menu if not already there.

2.   A&SP Clinic Visits file: (**Installations over V. 2**)
        Gives all existing Visits:
                A unique Appointment Time,
                A Division, and
                A Volume of '1' (for each Procedure)

3.   A&SP Site Parameters
        Installations over V. 2:
                a. Adds Divisions to the A&SP Site Parameters file. Each Division that is added to a Visit is also added to the Site Parameters. Each Division is given a status of Inactive. The system also updates the Division with the site values for the parameters: Use Local Clinic Numbers; Use C&P; Bypass Audiometrics.
                b. Adds Clinics to the Divisions in the A&SP Site Parameters file.
                c. Sets the PCE Interface site parameter to NO.
                d. Sets Generate and Print CDR parameter to user's choice of S(ite) or D(ivision).
        Virgin Installations:
                a. Creates a site level.
                b. Sets the PCE Interface site parameter to NO.
                c. Sets Generate and Print CDR parameter to user's choice of S(ite) or D(ivision).

Post Initialization Tasks

1.   Move the QUASAR routines (ACKQ* minus ACKQI*) onto all your systems, if applicable.

2.   There are two compiled templates in the package. During the installation process, these routines are automatically recompiled on the current volume set. If applicable, they can be recompiled on all volume sets where routines are stored. D ^DIEZ to compile the ACKQAS VISIT ENTRY and ACKQAS ENTER/EDIT MODIFIERS template. When asked for margin width, type 80.

3.   Enable journalling of the ^ACK global, if applicable.

4.   For virgin installations, assign the following menus to the appropriate users.

        ACKQAS SUPER - The *A&SP Supervisor Menu* option is assigned to supervisory personnel. It contains options for setting up and maintaining the QUASAR package, entering clinic visit data, generating management reports, adequating Compensation and Pension (C&P) exams, and deleting visit records.

        ACKQAS MASTER - The *Audiology & Speech Visit Tracking System* menu option is assigned to personnel who will be entering clinic visit data and generating reports.

        ACKQAS REPORTS - The *A&SP Reports* menu contains only report printing options. This menu can be assigned to users who may not enter or modify any of the data, but need read only access.

5.   For virgins installations, assign the ACKQ ADHOC security key to individuals who will be using the option Tailor-Made A&SP Reports. Allocation of this key is at the discretion of the IRM chief.

Use the KIDS *Build File Print* option if you wish to obtain a complete listing of package components (e.g., routines and options) sent with this Distribution file.

Use the KIDS *Install File Print* option if you wish to print out the results of the installation process.

The A&SP Service Chief, A&SP ADPAC, or a designee must initialize certain features of the package prior to general A&SP usage. Refer to "Implementing & Maintaining the QUASAR Package" in the QUASAR V. 3.0 User Manual for details.

Example: Installation over V. 2

Note: The installation example dialogue that follows may vary depending on the system you have (Alpha or MSM) and the additional work that must be done in the post- installation process.

```
Install onto Version 2.0.


Select OPTION NAME: XPD MAIN        Kernel Installation & Distribution System

Select Kernel Installation & Distribution System Option: Installation

Select Installation Option: 1  Load a Distribution
Enter a Host File: ACKQ3_0.KID

KIDS Distribution saved on Nov 30, 1999@10:47
Comment: Quality: Audiology & Speech Pathology Audit & Review (QUASAR) V. 3.0

This Distribution contains Transport Globals for the following Package(s):
            QUASAR 3.0

OK to continue with Load? NO// YES

Distribution OK!

Want to Continue with Load? YES// <RET>
Loading Distribution...

Build QUASAR 3.0 has an Enviromental Check Routine
Want to RUN the Environment Check Routine? YES// <RET>
   QUASAR 3.0
Will first run the Environment Check Routine, ACKQENV

Use INSTALL NAME: QUASAR 3.0 to install this Distribution.


Select Installation Option: 6  Install Package(s)
Select INSTALL NAME:    QUASAR 3.0     Loaded from Distribution  11/30/99@11:1
9:04
     => Quality: Audiology & Speech Pathology Audit & Review (QUASAR) V. 3.0

This Distribution was loaded on Nov 30, 1999@11:19:04 with header of
Quality: Audiology & Speech Pathology Audit & Review (QUASAR) V. 3.0  ;Created on Nov
30, 1999@10:47
   It consisted of the following Install(s):
   QUASAR 3.0
Checking Install for Package QUASAR 3.0
Will first run the Environment Check Routine, ACKQENV


Install Questions for QUASAR 3.0

Incoming Files:


   509850   CDR ACCOUNT  (including data)
Note:  You already have the 'CDR ACCOUNT' File.
I will OVERWRITE your data with mine.
```

```
   509850.1  A&SP DIAGNOSTIC CONDITION
Note:  You already have the 'A&SP DIAGNOSTIC CONDITION' File.


   509850.2  A&SP PATIENT
Note:  You already have the 'A&SP PATIENT' File.


   509850.3  A&SP STAFF
Note:  You already have the 'A&SP STAFF' File.


   509850.4  A&SP PROCEDURE CODE
Note:  You already have the 'A&SP PROCEDURE CODE' File.


   509850.5  A&SP PROCEDURE MODIFIER  (including data)

   509850.6  A&SP CLINIC VISIT
Note:  You already have the 'A&SP CLINIC VISIT' File.


   509850.7  A&SP WORKLOAD
Note:  You already have the 'A&SP WORKLOAD' File.


   509850.8  A&SP SITE PARAMETERS
Note:  You already have the 'A&SP SITE PARAMETERS' File.

Want KIDS to Rebuild Menu Trees Upon Completion of Install? YES// **NO**
```

The answer to the following depends on how your site wants to run the CDR functions, either by Site or by Division.

```
     Select one of the following:

        S         Site
        D         Division

Do you wish the CDR functions to run by Site or Division ?: S// <RET>ite
```

```
Want KIDS to INHIBIT LOGONs during the install? YES// NO
Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES// YES

Enter options you wish to mark as 'Out Of Order': ACKQAS SUPER     A&SP Supervisor Menu

Enter options you wish to mark as 'Out Of Order': ACKQAS MASTER     Audiology & Speech
Visit Tracking System

Enter options you wish to mark as 'Out Of Order': ACKQAS MANAGEMENT REPORTS
Management Reports A&SP

Enter options you wish to mark as 'Out Of Order': ACKQAS CP ADEQ    C&P Exam Adequation

Enter options you wish to mark as 'Out Of Order': <RET>

Enter protocols you wish to mark as 'Out Of Order': <RET>

Delay Install (Minutes): (0-60): 0// <RET>

Enter the Device you want to print the Install messages.
You can queue the install by enter a 'Q' at the device prompt.
Enter a '^' to abort the install.
```

```
DEVICE: HOME// (Enter a device)


 Install Started for QUASAR 3.0 :
              Nov 30, 1999@11:19:40

Build Distribution Date: Nov 30, 1999

 Installing Routines:
              Nov 30, 1999@11:19:44

 Installing Data Dictionaries:
              Nov 30, 1999@11:19:50

 Installing Data: ..
              Nov 30, 1999@11:19:51

 Installing PACKAGE COMPONENTS:

 Installing SECURITY KEY

 Installing PRINT TEMPLATE

 Installing INPUT TEMPLATE

 Installing OPTION
              Nov 30, 1999@11:20:03

 Running Post-Install Routine: ^ACKQIPST

CDR Report Parameter updated.

Looping through A&SP Clinic Visit File updating all visits with an Appnt.
Time and Division value & all visits Procedures with a Volume value.


Update of A&SP Clinic Visit records Complete.

Temporary file of Clinics and Divisions Created.

Commencing update of the A&SP Site Parameters file.

Looping through Division Level of the Temporary file creating new

Division entries on the A&SP Site Parameters file.

Looping through Clinic Level of the Temporary file creating new Clinic

entries within the Divisions.

Clinic update complete.

Interface to PCE Parameter set to False.

Site Parameters file Update complete.

The PIMS 'Clinic Workload' report option
has been added to the QUASAR 'Reports Menu.'

Updating A&SP Staff file to no longer point to New Person file.
Completed updating A&SP Staff file.
```

```
 Updating Routine file...

 The following Routines were created during this install:
      ACKQTM
      ACKQTE
      ACKQTE1
      ACKQTE10
      ACKQTE11
      ACKQTE12
      ACKQTE13
      ACKQTE14
      ACKQTE15
      ACKQTE16
      ACKQTE17
      ACKQTE18
      ACKQTE19
                                    QUASAR 3.0
-------------------------------------------------------------------------------
      ACKQTE2
      ACKQTE20
      ACKQTE3
      ACKQTE4
      ACKQTE5
      ACKQTE6
      ACKQTE7
      ACKQTE8
      ACKQTE9

 Updating KIDS files...

 QUASAR 3.0 Installed.
             Nov 30, 1999@11:20:07

 Not a production UCI

 NO Install Message sent
-------------------------------------------------------------------------------
           +----------------------------------------------------------------+
   100%    ¦              25             50             75                   ¦
Complete   +----------------------------------------------------------------+


Install Completed


Select Installation Option:
```

Example: Virgin Installation

```
Select Installation Option: 1  Load a Distribution
Enter a Host File: ACKQ3_0.KID

KIDS Distribution saved on Nov 30, 1999@10:47
Comment: Quality: Audiology & Speech Pathology Audit & Review (QUASAR) V. 3.0

This Distribution contains Transport Globals for the following Package(s):
   QUASAR 3.0
Distribution OK!

Want to Continue with Load? YES// <RET>
Loading Distribution...

Build QUASAR 3.0 has an Enviromental Check Routine
Want to RUN the Environment Check Routine? YES//  <RET>
   QUASAR 3.0
Will first run the Environment Check Routine, ACKQENV

Use INSTALL NAME: QUASAR 3.0 to install this Distribution.


Select Installation Option: 6  Install Package(s)
Select INSTALL NAME:   QUASAR 3.0     Loaded from Distribution  11/30/99@11:4
5:47
     => Quality: Audiology & Speech Pathology Audit & Review (QUASAR) V. 3.0

This Distribution was loaded on Nov 30, 1999@11:45:47 with header of
   Quality: Audiology & Speech Pathology Audit & Review (QUASAR) V. 3.0  ;Created on
Nov 30, 1999@10:47
   It consisted of the following Install(s):
   QUASAR 3.0
Checking Install for Package QUASAR 3.0
Will first run the Environment Check Routine, ACKQENV


Install Questions for QUASAR 3.0

Incoming Files:


   509850    CDR ACCOUNT  (including data)


   509850.1  A&SP DIAGNOSTIC CONDITION


   509850.2  A&SP PATIENT


   509850.3  A&SP STAFF


   509850.4  A&SP PROCEDURE CODE


   509850.5  A&SP PROCEDURE MODIFIER  (including data)


   509850.6  A&SP CLINIC VISIT
```

```
   509850.7  A&SP WORKLOAD


   509850.8  A&SP SITE PARAMETERS

Want KIDS to Rebuild Menu Trees Upon Completion of Install? YES// **NO**
```

The answer to the following depends on how your site wants to run the CDR functions, either by Site or by Division.

```
      Select one of the following:

          S         Site
          D         Division

Do you wish the CDR functions to run by Site or Division ?: S// **Division**
```

```
Want KIDS to INHIBIT LOGONs during the install? YES// **NO**
Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES// **NO**

Enter the Device you want to print the Install messages.
You can queue the install by enter a 'Q' at the device prompt.
Enter a '^' to abort the install.

DEVICE: HOME// (enter a device)


 Install Started for QUASAR 3.0T3 :
              Nov 30, 1999@11:46:17

Build Distribution Date: Nov 30, 1999

 Installing Routines:
              Nov 30, 1999@11:46:18

 Installing Data Dictionaries:
              Nov 30, 1999@11:46:21

 Installing Data: ..
              Nov 30, 1999@11:46:22

 Installing PACKAGE COMPONENTS:

 Installing SECURITY KEY

 Installing PRINT TEMPLATE

 Installing INPUT TEMPLATE

 Installing OPTION
              Nov 30, 1999@11:46:27

 Running Post-Install Routine: ^ACKQIPST

Virgin Install - Site level being created on A&SP Site Parameters file.

Interface to PCE Parameter set to 'NO'.

CDR Report Parameter updated.

The PIMS 'Clinic Workload' report option
has been added to the QUASAR 'Reports Menu.'
```

```
Updating Routine file...

The following Routines were created during this install:
     ACKQTM
     ACKQTE
     ACKQTE1
     ACKQTE10
     ACKQTE11
     ACKQTE12
     ACKQTE13
     ACKQTE14
     ACKQTE15
     ACKQTE16
     ACKQTE17
     ACKQTE18
     ACKQTE19
                              QUASAR 3.0
---------------------------------------------------------------------------
     ACKQTE2
     ACKQTE20
     ACKQTE3
     ACKQTE4
     ACKQTE5
     ACKQTE6
     ACKQTE7
     ACKQTE8
     ACKQTE9

 Updating KIDS files...

 QUASAR 3.0 Installed.
               Nov 30, 1999@11:46:31

 Not a production UCI

 NO Install Message sent
---------------------------------------------------------------------------
          +------------------------------------------------------------+
   100%   ¦           25              50              75              ¦
Complete  +------------------------------------------------------------+


Install Completed
```